

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A system for event notification, comprising:

an event buffer;

a first node, comprising: the first node detecting a situation of interest on the first node and generating a first event in response thereto, the first node sending information pertaining to the first event to the event buffer to be stored therein; and

a first node event generator for detecting a situation of interest on the first node, and generating an event when a situation of interest is detected, and transmitting the event;

a first node event forwarder, the first node event forwarder

receiving the transmitted event from the first node event generator, the first event forwarder transmitting the event;

an event buffer comprising a first list of significant events, the event buffer receiving the event transmitted from the first node event forwarder; and

an event monitor comprising a node status display, the event monitor polling the event buffer for an event, wherein the node status display is updated when the event monitor receives an event

a remote computing system, the remote computing system displaying a first set of status information for the first node that was previously obtained from a server, the remote computing system polling the event buffer for new events and in response to detecting the first event, the remote computing system interacting again with the server to obtain therefrom a set of updated status

information for the first node, the remote computing system thereafter displaying the updated status information.

2. (Original) The system for event notification of Claim 1 wherein the event buffer comprises a database for storing received events.

3. (Original) The system for event notification of Claim 2 wherein the database is pruned.

4. (Original) The system for event notification of Claim 3 wherein the pruning is carried out at timed intervals.

5. (Original) The system for event notification of Claim 4 wherein the pruning is carried out at said time intervals of between 2 and 120 seconds.

6. (Currently Amended) The system for event notification of Claim 1 further comprising:

a second node, comprising: the second node detecting a situation of interest on the second node and generating a second event in response thereto, the second node sending information pertaining to the second event to the event buffer to be stored therein.

~~a second node event generator for detecting a situation of interest on the second node, generating an event when a situation of interest is detected, and transmitting the event;~~

~~a second node event forwarder, the second node event forwarder receiving the transmitted event from the second node event generator, the second node event forwarder transmitting the event to the event buffer.~~

7. (Original) The system for event notification of Claim 6 wherein the event buffer comprises a database for storing received events.

8. (Original) The system for event notification of Claim 7 wherein the database is pruned.

9. (Original) The system for event notification of Claim 8 wherein the pruning is carried out at timed intervals.

10. (Original) The system for event notification of Claim 9 wherein the pruning is carried out at said time intervals of between 2 and 120 seconds.

11. (Currently Amended) The system for event notification of Claim 6 wherein the second node ~~further~~ comprises a second event buffer, and wherein the second event buffer receives events transmitted from at least one of the first node

~~event forwarder~~ and the second node ~~event forwarder~~.

12. (Currently Amended) The system for event notification of Claim 11 wherein the event buffer comprises a first list of significant events and wherein the second event buffer comprises a second list of significant events.

13. (Currently Amended) The system for event notification of Claim 1 wherein the ~~node status display comprises remote computing system renders~~ a graphic display to show the first set of status information and/or the updated status information.

14. (Currently Amended) The system for event notification of Claim 13 wherein the graphic display is rendered by a stand-alone application.

15. (Currently Amended) The system for event notification of Claim 14 13 wherein the graphic display is a web page rendered by a web browser.

16. (Currently Amended) The system for event notification of Claim 15 wherein the web ~~page~~ browser comprises plug-ins.

17. (Currently Amended) The system for event notification of Claim 13 wherein the graphic display is rendered by an application that is integrated with at least one of ~~the~~ an event monitor, and the event buffer.

18. (Currently Amended) A network for event notification, comprising:

an event forwarding mechanism in each node of a cluster for forwarding detected events to each other node;

an event buffer of said cluster to receive and store each event forwarded from a node from an event forwarding mechanism; and

a remote event monitor for periodically polling said event buffer for changes in pertinent events, and in response to detecting one or more new pertinent events, the remote event monitor causing updated status information pertaining to one or more nodes in said cluster to be obtained from a server and for triggering a display update to display refreshed event information causing the updated status information to be displayed.

19. (Original) The network of Claim 18 further comprising:

an event generation mechanism in each node to generate an event when something of interest occurs within said cluster.

20. (Currently Amended) The network of Claim 18 wherein said event updated status information is displayed within a web page.

21. (Original) The network of Claim 18 wherein said event buffer further comprises:

a database for storing events received from said event forwarding mechanisms; and

an evictor for periodically removing events from said database.

22. (Currently Amended) The network of Claim 18 wherein said remote event monitor resides within a browser system.

23. (Currently Amended) The network of Claim 18 wherein said remote event buffer is located on at least one node in a said cluster.

24. (Currently Amended) The network of Claim 18 wherein said remote event monitor is a Java applet operating on a computing system remote from said cluster.

25. (Currently Amended) The network of Claim 20 wherein said web page registers pertinent events with said remote event monitor.

26. (Currently Amended) The network of Claim 18 wherein said display ~~update comprises~~ updated status information is displayed in a frame of a displayed web page.

27-44. Canceled

45. (New) A machine-implemented method, comprising:  
obtaining, from a server, a set of status information pertaining to one or more components;  
rendering a display to show the status information for the one or more

components;

accessing an event buffer, wherein the event buffer stores one or more events pertaining to the one or more components;

determining whether the event buffer contains any newly added events that require the display to be updated;

in response to a determination that the event buffer contains one or more newly added events that require the graphic display to be updated, obtaining from the server a set of updated status information pertaining to the one or more components; and

rendering an updated display to show the updated status information for the one or more components.

46. (New) The method of claim 45, wherein the one or more components are one or more nodes in a cluster of nodes.

47. (New) The method of claim 45, wherein the server is a web server, and wherein obtaining the set of status information comprises:

loading a web page from the web server that includes the status information for the one or more components.

48. (New) The method of claim 47, wherein obtaining the set of updated status information comprises:

loading an updated web page from the web server that includes the updated status information for the one or more components.

49. (New) The method of claim 47, wherein loading the web page comprises:

registering a set of one or more pertinent events as events that require the display to be updated.

50. (New) The method of claim 49, wherein the web page comprises code for causing the set of one or more pertinent events to be registered.

51. (New) The method of claim 50, wherein the code is Javascript code.

52. (New) The method of claim 49, wherein determining whether the event buffer contains any newly added events that require the display to be updated comprises:

determining whether the event buffer contains any newly added events; and

in response to a determination that the event buffer contains one or more newly added events, determining whether any of the one or more newly added events is one of the events in the set of one or more pertinent events.

53. (New) An apparatus, comprising:  
means for obtaining, from a server, a set of status information pertaining to one or more components;

means for rendering a display to show the status information for the one or more components;

means for accessing an event buffer, wherein the event buffer stores one or more events pertaining to the one or more components;

means for determining whether the event buffer contains any newly added events that require the display to be updated;

means for obtaining from the server, in response to a determination that the event buffer contains one or more newly added events that require the graphic display to be updated, a set of updated status information pertaining to the one or more components; and

means for rendering an updated display to show the updated status information for the one or more components.

54. (New) The apparatus of claim 53, wherein the one or more components are one or more nodes in a cluster of nodes.

55. (New) The apparatus of claim 53, wherein the server is a web server, and wherein the means for obtaining the set of status information comprises:

means for loading a web page from the web server that includes the status information for the one or more components.

56. (New) The apparatus of claim 55, wherein the means for obtaining the set of updated status information comprises:

means for loading an updated web page from the web server that

includes the updated status information for the one or more components.

57. (New) The apparatus of claim 55, wherein the means for loading the web page comprises:

means for registering a set of one or more pertinent events as events that require the display to be updated.

58. (New) The apparatus of claim 57, wherein the web page comprises code for causing the set of one or more pertinent events to be registered.

59. (New) The apparatus of claim 58, wherein the code is Javascript code.

60. (New) The apparatus of claim 57, wherein the means for determining whether the event buffer contains any newly added events that require the display to be updated comprises:

means for determining whether the event buffer contains any newly added events; and

means for determining, in response to a determination that the event buffer contains one or more newly added events, whether any of the one or more newly added events is one of the events in the set of one or more pertinent events.